

VOL II

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

; of tide,

State of sky,

Temperature of air,

' surface of water,

" at depth of

fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current.

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 962

The trawl hauls from 955 to 961 inclusives contained very nearly the same things.

Instrument used,

Current number of observation, 962

Aug. 26, 1881

Off naushon Locality,

Bearings, Troepicket Id. N & 3/4 &

1 1/4 m

Time of day, 3, 10 P. W,; of tide, flood

State of sky, Clear

Temperature of air,

surface of water,

at depth of fathoms,

of bottom, 66

Depth, in fathoms,

Nature of bottom, Blk md. + Sd.

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

963 Dridge

Contained no Sish .

English A in

and the second second second

4.

LEWIS COURT US CORD

Instrument used,
Current number of observation, 963
Date, Aug. 26, 1887
Locality, Off naushon
Bearings, Woepecket Id. 58 1/2 S /m
Time of day, 3, 40 P. M.; of tide, flood
State of sky, Clear
Temperature of air, 70
" surface of water, 68
" at depth of fathoms,
" of bottom, 66
Depth, in fathoms, 8 1/2
Nature of bottom, Blue md.
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,

Name and position of observer,

Name and rank of commanding officer,

Haul 964 Dredge

Aug. 29 while at anchor at Hyannis very large schools of young Chirostomo were seen alongside; young Poronotus was caught under jellyfish; a male synanathus with pouch full of young was captured alive. On putting it in water some of the young were freed and wiggled about quite briskly.

Date, Aug. 30, 1887

Locality, Off Chatham

Bearings, Chatham Lyto, 77 n n 1/2 n 5 m

Instrument used,

Current number of observation, 964

Time of day, 7, 50 a.W.; of tide, Sof
Time of day, 7, 50 a.m.; of tide, Eff State of sky, Clear
Temperature of air, 65
" surface of water, 6/
at depth of fathoms,
of bottom, 55
Depth, in fathoms, /O
Nature of bottom, A + gr.
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Haul 965 Gredge.

Instrument used.

Current number of observation,

Date, aug. 30, 1887.

Locality, Off Chatham.

Benringer. Chatham Late nr xr 6 m

Time of day, 8, 15 a. M; of tide, Elle

State of sky.

Temperature of air,

surface of water.

at depth of fathoms.

of bottom,

Depth, in fathoms, /5

Nature of bottom.

Direction of surface current.

Force of surface current,

Direction of bottom current,

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 966

Dredge.

Instrument used.

Current number of observation, 966

Date,

aug, 30, 1881, Off Chathans Chatham Lgt. H Locality,

Bearings, nm x m 1/4

Time of day, 8, 40

State of sky.

Temperature of air.

surface of water.

at depth of fathoms.

of bottom.

Depth, in fathoms,

Nature of bottom,

Direction of surface current.

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached.

Name and rank of commanding officer,

Haul 967 Dredge.

T .		
Inst	rumer	it used

Current number of observation,

Date. Aug. 30, 1887 Levellity. Off Chathama Bearings. Chathama Lat. H.

nnxn 1/4 m

Time of day, 2.50

; of tide,

State of sky,

Temperature of air,

surface of water.

at depth of

fathoms.

of hottom.

Depth, in fathoms, /6

Nature of bottom.

Direction of surface current.

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel.

To what service attached.

Name and rank of commanding officer,

968 Dredge

ΔE

Current	number	of -	observation,	968

Date, aug. 30, 1887 Locality. Off Chatham

Bearings, Chatham Lgt, H.

Nrxn 3/4 m 4 1/4 7

Time of day, 9 a.m.; of tide,

State of sky,

Temperature of air,

Instrument used

. surface of water,

" at depth of fathoms,

of bottom,

Depth, in fathoms, /8

Nature of bottom.

Direction of surface current,

Force of surface current,

Direction of bottom current.

Force of bottom current,

Name of vessel.

To what service attached,

Name and rank of commanding officer,

Haul 969 Dredge

Instrument used.

Current number of observation,

Date, Aug. 30, 1881.
Locality, Off Chathams
Bourings, Chatham Lyt. H.

n nx n 3/4 m Time of day, 9, 10 a, We of tide,

State of sky,

Temperature of air.

surface of water.

at depth of

fathoms.

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current.

Name of vessel.

To what service attached,

Name and rank of commanding officer,

Haul 970 Dredge

Plewonectes amer. (mel. sign) / annelides, cruetaces + a very small starfish in stomach

Instrument	nsed
TITLE OF CREATE STATE	DECIT!

Current number of observation, 970

Date, Aug. 30, 1881,
Locality, Off Chathams
Bearings, Chalhams Loft, H.

Mn n 3/4 n 6 m.

Time of day, 9,43 Q.W.; of tide,

State of sky,

Temperature of air.

surface of water.

at depth of

fathoms,

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Houl 971 Dredge

Instrument used,
Current number of observation, 97/
Date, ang 30-7887
Lucility, Off Chatham
Bearing Chatham Lyt, H.
W 3/4 m 4/4 m.
Time of day, 10, 05- Q, M; of tide,
State of sky,
Temperature of air, 67
" surface of water, 6/, 5
" at depth of fathoms.
of hottom, 524
Depth, in fathoms, //
Nature of bottom,
Direction of surface current.
Force of surface current,
Direction of hottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Haul 972 Dredge

Eumesogrammus subbifurcatus

Instrument	used,
Current nu	mber of observation, 972
Date,	aug. 30 1881
Locality,	Off Chatham
Harring.	Chatham Let. H.
nn	1 7 7/8 m 7 1/2 m.
Time of day	, 10, 18 a. m; of tide,
State of sky	Clear
Temperatur	e of air, 67
	surface of water, 62
45	at depth of fathoms,
66	of bottom, 5-2
Depth, in fa	thoms, 16
Nature of b	ottom, gr., s. + st.
	surface current.
Force of sar	face current,

To what service attached.

Name of vessel,

Name and rank of commanding officer,

Name and position of observer,

Direction of bottom current,
Force of bottom current,

Haul 973

bredge.

Ĭ	n	stru	men	f ms	ed
۰	44	-155 00	2777.74	e uc	Cit

Current number of observation, 973

Date,

Locality. Off Chathams

Bearings. Chatham Lat. Vt.

Mr. N. Mr. 63/4 m.

Time of day, //, /0

State of sky,

Temperature of air,

surface of water.

at depth of

fathoms.

of bottom,

Depth, in fathoms, 17

Nature of bottom,

gr., s. + st.

Direction of surface current.

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 974 Dredge.

Instrument used.
Current number of observation. 9 7 14
Date, aug. 30. 1881.
Locality. He Chatham
Bearings, Chatham Lat H
mnm1/2m 61/2
Time of day, //, 30 ; of tide,
State of sky,
Temperature of air. 67
surface of water, 62
" at depth of fathoms,
" of bottom, 51
Depth, in fathoms, /6
Nature of bottom, gr., S. + St.
Direction of surface current.
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,

Name and position of observer.

Name and rank of commanding officer,

To what service attached,

Haul 975 Dredge.

T			
173-25	1911 133	21112	used.

Current number of observation, 975

Date, aug. 30, 1881.

Locality, Off Chatham

Mn n 14 m 6/4 m

Time of day, //, 215 ; of tide,

State of sky,

Clear

Temperature of air,

surface of water, 63

" at depth of fathoms,

of bottom, 52

Depth, in fathoms, /6

Nature of bottom,

gr. s. + st.

Direction of surface current.

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 976 Dredge.

Instrument used.
Current number of observation, 976
Date. aug. 30, 1881.
Liveling. Off Chatham
Bearings. Chathan Lat.
mnor 5/6 m 6m
Time of day, now; of tide.
State of sky, Clear
Temperature of air. 69
" surface of water, 63
" at depth of fathoms,
" of bottom, 52
Depth, in fathoms, /6
Nature of bottom, or 5
Direction of surface current.
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,

Name and position of observer,

Name and rank of commanding officer,

Haul 977 Dredge

,

Name and position of observer,

Name and rank of commanding officer,

To what service attached.

Haul 978 Dredge

Instrument used. Current number of observation. Date, Locality, Bearings, Time of day, ; of tide. State of sky. Temperature of air, surface of water. at depth of fathoms, of bottom. Depth, in fathoms, Nature of bottom, Direction of surface current. Force of surface current. Direction of bottom current. Force of bottom current. Name of vessel. To what service attached, Name and rank of commanding officer,

Haul 979 Dredge

Instrument used, Current number of observation, Date. Locality. Bearings, Time of day, ; of tide, State of sky, Temperature of air, surface of water, at depth of fathoms, of bottom. Depth, in fathoms. Nature of bottom. Direction of surface current. Force of surface current, Direction of bottom current, Force of bottom current, Name of vessel, To what service attached, Name and rank of commanding officer,

980 Aredge

Instrument used. Current number of observation. Date. Locality. Bearings. Time of day, of tide. State of sky, Temperature of air, surface of water. at depth of fathoms. of bottom, Depth, in fathoms. Nature of bottom, Direction of surface current. Force of surface current. Direction of bottom current. Force of bottom current, Name of vessel, To what service attached, Name and rank of commanding officer,

Trawl 981 Hoppoglofindes Physics Chuss -Triglop Pingel former, Merchacin aspedophorades Acheste. Rain extanten,

Instrument used,
Current number of observation, 987
Date, aug. 30, 1881
Locality, Off Chatham
Bearings Chatham Lat
m.n. m. 16 m
Time of day, 2, 10; of tide,
State of sky, Clear
Temperature of air, 65
surface of water, 63,5
at depth of fathoms,
" of hottom, 49
Depth, in fathoms, 4/
Nature of bottom, Sd + gravel
Direction of surface current.
Force of surface current,
Direction of bottom current,
Force of bottom current,

To what service attached,

Name and rank of commanding officer,

Name of vessel,

Have 982 Frank

Rain padiat ad + pin
eglanteria

Hipporto Pingelin

Merleccino jur.

Lipons

Instrument used.

Current number of observation, 982

Date, aug. 30 1881

Locality, Off Chatham

Bearings, 1.4 111.3

Lon 69 35

Time of day, 2, 45; of tide,

State of sky, Clear

Temperature of air, 65

" surface of water, 63, 5

at depth of fathoms,

" of bottom, 41. 5

Depth, in fathoms, 40

Nature of bottom, A, + ...

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Rain eglan long & 3

Pleuroneets armen. 1

Hippoglossiols

Fadus morehun jus.

Merlusum

Jorieleps

Lipans

Aspidoplowids

Instrument used.

Current number of observation,

at 41 30

Locality,

69 32 34 Bearings,

Time of day, 3, 2, 3

; of tide,

State of sky,

Temperature of air,

surface of water,

at depth of

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current.

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 984

Limanda ferring

Hipporposition

Coffee 18-sp

AmmodyFes

Lipania

Rais o cellata 3 + 2 2

Instrument used,
Current number of observation, 9824.
Date, aug. 30, 1867.
Locality, Lat. 41 31
Date, Out 35, 1857; Locality, Lat. 41 31 Bearings, Loc. 69 28 32
Time of day, 4.07; of tide,
State of sky, Clear
Temperature of air, 64
" surface of water, 63. J
" at depth of fathoms,
of bottom.
Depth, in fathoms, 32
Nature of bottom, Sol & mod
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,

Name and position of observer,

Name and rank of commanding officer,

Haul 985.

Melanogrammus.	jus.	/
Squalus acanthias	**	2
Paralichttys oblongus		Howary
Limanda ferruginea		4
Cotte 18-spinosus		3
Hemitripterus		2
Physics tenuis		many
Merlucius		2
Raia ocellita?	9 2	(Jaw)
" laevie jur.		3
a solo erinacea		/
Liparis juv. in !		/

Instrument used.

Current number of observation, 985

Locality,

Sept. 7, 1880 Off no mans Land

Bearings, 41° 00'

Time of day, /, O F P. W; of tide,

State of sky,

Clear (slight house)

Temperature of air,

surface of water, 66

at depth of fathoms,

of hottom, 57)

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached.

Name and rank of commanding officer,

Haul 986.

Gadus morrhua juv.	2
Paralishthys oblongus	9
Limanda ferruginea	9
Physics tennis	22
Zoarces anguillaris	1
Rain 2 Hack ocelli liens?	1
Rain laevis? jur.	2
Cothes 18- Epin	2
merlucius	2

Instrument used.

Current number of observation, 986

Date, Sept. 7, 1881,

Locality. JID " 55"

Bearings. 70048'

Time of day, 2 PM ; of tide,

State of sky, Clear

Temperature of air. 73

surface of water, 67

" at depth of fathoms

" of bottom, 49

Depth, in fathoms, 27

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached.

Name and rank of commanding officer,

Haul 987 Rake Dredge.

Physis tennis jur.

Cottus 18-spin. very jur. 4 to
Hippoglossides?

Instrument used,

State of sky,

Current num	iber of observation	11, 98	F	
Date,	Sept.	7 1	881	1.
Locality,	641	nome	d de la constant	21

Bearings, 40°54'
70° 48' 30"

Time of day, 2, 28 P. MG of tide,

Temperature of air, 73

" surface of water, 67

at depth of fathoms,

" of bottom, 449

Depth, in fathoms, 27
Nature of bottom,

Direction of surface current.

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 988 Rake Dredge

Instrument used.

Locality.

Current number of observation, 988

Date, Sept

off nomani Ld

Bearings, 40° 49′ 30″

Time of day, 3.30 P. Mc of tide,

State of sky,

Temperature of air, 7.3

" surface of water, 67

at depth of fathoms,

of bottom, 49,5

Depth, in fathoms, 29

Nature of bottom, S.d.

Direction of surface current.

Force of surface current.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 989

Lophius piscatorius	1
Physis tennes	many
Paralichthys oblonger few	many
Raia laevis: juv.	1
Heppoglossoides juv.	1
Cottus. 18- Sprin u	
Physis tennis i very jur in Pea	5

Instrument used,
Current number of observation, 989
Date, Sept. 7, 1881.
Locality, Off nomano Ld
Bearings, 40°49'
20044
Time of day, 3.56 PM; of tide,
State of sky, Clear
Temperature of air, 73
" surface of water, 67
" at depth of fathoms,
" of bottom, 49,5
Depth, in fathoms, 2.9
Nature of bottom, SA
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,

*To what service attached,

Name and rank of commanding officer,

Haul 990

Lophius pisc. 1 lge + 2 &	mall
Enchelyopus combines	Jens
Physis tennis	many
Slyptosephalus	few
Paralichthys oblorgue	bew
Merchanis jus.	few
Citharichttys arc.	_ /

Instrument used.

Current number of observation, 990

Sept. 7, 1881. Of nomans Ld

Bearings,

Time of day, 5.05 P. M; of tide,

State of sky,

Temperature of air, 71,5

surface of water, 66

fathoms,

at depth of

of bottom, 47

Depth, in fathoms,

Nature of bottom, gu mnd of of d

Direction of surface current,

Force of surface current.

Direction of bottom current.

Force of bottom current,

Name of vessel,

To what service attached.

Name and rank of commanding officer,

Hanl 991 Frank

No fish

Instrument used,
Current number of observation, 991
Date, Sept. 7, 1881. Locality, Monies Land Bearings, 140° 39'
Locality, Off Morrison Land
Bearings, 140° 39'
70° 46'
Time of day, 6.05 PM; of tide,
State of sky, Clear
Temperature of air. 70
" surface of water, 66
" at depth of fathoms,
" of hottom, 47,5
Depth, in fathoms, 33
Nature of bottom, an md + del
Direction of surface current.
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,

Name and position of observer,

Name and rank of commanding officer,

To what service attached,

Haul 992

Hippoglesionde jus, 1
Limanda perma. 2
Paralielttys oblorgus 1
Physics tennis many
Ladus morrhun jus. 1
Lipans in Pacter tennier 12+

Instrument used.

Current number of observation, 992

True Sept. 7, 1887. Leading Off nomen's Land

Bearings,

Time of day, 7.35 P. W.; of tide,

State of sky,

Clear

Temperature of air, 69

" surface of water, 65°

at depth of

of hottom, 48

Depth, in fathoms, 35

Nature of bottom,

gn md + sd

Direction of surface current.

Force of surface current.

Direction of bottom current.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 993.

Encholyspus cimbrius	8
Melanogrammes longe	- 7
Lophius	1
Hippoglossides	few
merlucius	1
Physics termina	Trans
Simenda ferring.	1.1
Lipons from Pecter Tennic.	15

Instrument	used.		
Current-nn	unber of observation,	793	
Date,	Sept. 7, 188	1.	
Locality.	off noman's	Land	
Bearings,	J4.0° 28'	70.0 4-4	1

Time of day, 8, 24 PM; of tide, State of sky,

Temperature of air, 69 surface of water, 65

at depth of fathoms,

" of bottom, 46,5

Depth, in fathoms, 3 7

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 994

V Glyptocephalus	many	
* Massurus Bairdie		nodest
V Phycis Chesteri		3
Y Synaphobranchus		15
V Centroscylling	9	1
V Cottingulus tooms		1
· amitra		2
Congregation n.g.		1
Sternoptychid		/
v Scopelus		2_
· Lycodes Verrillii		3
V Coffunciles microps	jura	1

Current number of observation, 994
Date, Sept. 8, 1887,
Locality. & & 71/4 m from gay
Bearings, 104 /- m. 390
Time of day, 4,50 and of tide,
State of sky,
Temperature of air, 72 surface of water. 68
at depth of fathems,
" of bottom, #0.5
Depth, in fathous, 357 368

Direction of surface current,

Nature of bottom, Mud

Force of surface current,

Instrument used,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 995 Light haul

/ . ^	0 10
V Scopelus	2+3
Sternoptychid	4
V Stomias	/
Congregadid n.g.	/

Instrument used,

Current number of observation, 995

Date, Sept. 8, 1887.

Locality. SSW /4 m from Lay Head

Bearings, 104/2 9n 39° 40' 30

Time of day, 6.32; of tide,

State of sky, Hazy & cloudy

Temperature of air, 72

" surface of water, 68

" at depth of fathoms,

" of bottom, 43,5

Depth, in fathoms, 345 358

Nature of bottom. Yellow med + fol

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 996 R. Dredge

nothing

-													
1	13	9	Ť	m	п	111	en	ŧ.	11	2	Ω	٤Ì	
-	2.0		*		54	200		-	14	20	-	2.4	4.9

Current number of observation. 996

Sept. 8. 1881.

Locality. 85 W 1/4 W from Fay Head.

Bearings. 104 1/2 m.

39° 41' 71° 31' 37"

Time of day, 7, 35 a. M.; of tide,

State of sky,

Temperature of air,

surface of water, 67,5

" at depth of fathoms,

" of bottom, 410

Depth, in fathoms, 346

Nature of bottom, y, m, sd

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 997 V Phycis Chestern mode. v Lophine / act, V Eligh Fociphelus mod v Phycis Tenus 1 " Macrusus Beirdio Just Whalientan sentimo · Nemichthy Synaphotomechus Low VS copelus . / Sternoptychide · amitra 4 Lycodes Verrilli dig. Physics Chesten stomaches were meanly all crammed with arm-Thipools, Ryl, colect of one examined 17, long + slender, Per stoneum black.

Instrument used.

Current number of observation, 997

Date, Sept. 8, 1881.

Locality SSN 1/4 W from Lay Head

Bearings, 103 1/2 m

Time of day, 9, 03 a, M; of tide,

State of sky,

Temperature of air, 75-

surface of water, 67.5

at depth of fathoms,

of bottom, 40

Depth, in fathoms, 322 335

Nature of bottom, Mel, mid

Direction of surface current.

Force of surface current,

Direction of bottom current.

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 998. V Physis tenus v n Chesteni Merlinous Macrunes Bairdie Allyptocaphalus Synaphobosochus Lycodes Valli ? V Cotturaulus Vanitor Careprostus Rais Lycodes bighead VEnchelyspus cimb Brown Holloot very jur.

Sternostystid

Instrument used.

Current number of observation, 998

Sept. 8, 1881.

Linality SSW 14W from Day Head

Bearings.

1021/2 m

Time of day, 10,34 Q. M; of tide,

State of sky,

Hagy

Temperature of air,

- surface of water, 68
- at depth of fathoms,
- of bottom, 40

Depth, in fathoms,

289 302

Nature of bottom,

Gri md.

Direction of surface current.

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel.

.,

To what service attached,

Name and rank of commanding officer,

Haul 999 R. - Dredge. Macrurus Bairdii jur. 1 Lizerdes Verillii jur. 1

Instrument used,
Current number of observation, 999
Date, Sept 8, 1881,
Locality, SSW /4 W from Lay Head
Bearings, - 100 m. 39° 45′ 13″ 71° 30′
Time of day, 11, 48 a. M; of tide,
State of sky, Hazy
Temperature of air, 73
· surface of water, 68
" at depth of fathoms,
" of bottom, 50 (?)
Depth, in fathoms, 256 266
Nature of bottom, In. md.
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,

Name and position of observer,

Name and rank of commanding officer,

Haul 1025

Physic Chesten	great many
V Marla since	8
· Physis tennis	/
1 Glyptocephalus	few
Macrurus Bairdie	many
1 " carminatus	few
Lycodes Verrillii	. /
r nemiohthys	1
Hallentien senticosa for	w. /
Hoplostethus	n /
Rais egg small	/
7 V	

Instrument used,

Current number of observation, 1025

Date, Sept. 8, 1887,

Locality. SST 1/4 m from Day Head

Bearings, 95 m.

Time of day, 1.05 P. W. ; of tide,

State of sky, Clear

Temperature of air, 70

surface of water, 69

at depth of fathoms,

" of bottom, 45

Depth, in fathoms, 197 216.

Nature of bottom, In md

Direction of surface current.

Force of surface current,

Direction of bottom current.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding efficer,

Haul 1026

Physica Chesteria great	- /
Merlucias	many 8
Physis tenuis	1
Duptocephalux /	feco
macrurus Bairdin	many
" Carminatus	few
Lyandes Verrillie	/
Heliute +	_ /,
Halientard senticosa jung.	1
Rain egg small	1
Prycis Chester	
Macrurus Barrelli? jur.	many
V in Carminatus	4
1 Schmis	6
Hoplostettus juv.	2_
Merlicius	4

Instrument used,

Current number of observation, 1026

Date, Sept. 8, 1881,

Locality. SSW /4W from Say Head

Bearings, 93/2 m.

Time of day, 2, 55 P. M.; of tide,

State of sky, Clear

Temperature of air. 69

surface of water, 69

" at depth of fathoms,

" of bottom, 47,5

Depth, in fathoms, 175 182

Nature of bottom, In. md

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Physis churs 2
Rais erinacea & /

Instrument used.

Current number of observation, 7027

Date, Sept. 14, 1881

Locality,

Bearings, Lat. 40° 00' n. Lon. 69° 19' W.

Time of day, 7.23 a.m.; of tide,

State of sky, Clear

Temperature of air. 6/

" surface of water, /g (

" at depth of 5 fathoms, 66

" of bottom, 48.5

Depth, in fathoms, 93

Nature of bottom, fine sand

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Haul 1028,

Lyraphobranchus pinnatus 45 Macron Bairdie (alljur. totor) 19 "Congresamoider (22916) Physic Chestery 7

Sleptosephalus aproglosses 2 jun, + 1 med.
VAcopelus in wings 1

Physic Chester - pyl, caeca - 13, 13 Coryphaensides stomach - amplifieds Synophotocoches & full of eggs

Instrument used. Current number of observation, /02,8 Date, Sept. 14, 1881, Locality. Bearings, N. lat. 390 57 W. lon. 690 17; Time of day, 9. 01 a. W.; of tide, State of sky, Clean Temperature of air, 66.5 surface of water, 66 " at depth of fathoms, 66 " of bottom, 4/ Depth, in fathoms, 410 Nature of bottom, Yellow mud Direction of surface current, Force of surface current. Direction of bottom current, Force of bottom current, Name of vessel, To what service attached,

Name and position of observer,

Name and rank of commanding officer,

Haul 1029 Halopoophyrus viola Jus -3 Coryphaenordes mostly ju. 52 Macrums Bairdie 14 # 17 large / Phycis Chesten Lynaphobranchus Merlucus jur. 1 1 2 6j. + 8 med. 1 Scopelus 1 Centros cyllinim Collingulus torvus Glyptocephalus Volycodes Verrillin' W is short head

Sternoptychid

Instrument used,
Current number of observation, 1029
Date, Sept. 14, 1881
Locality,
Bearings, N. lat. 39° 57'
W. lon. 69° 16'
Time of day, /2./3 horn; of tide,
State of sky, Clear
Temperature of air, 72
surface of water, 68
" at depth of 5 fathoms, 6 6
" of bottom, 40
Depth, in fathoms, 45-8
Nature of bottom, Yellow mud
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
o what service attached,

Name and position of observer,

Name and rank of commanding officer,